



BUILD A STRING TELEPHONE

Use sound's unique properties to make an unconventional phone!

WHAT YOU'LL NEED:

- Two paper or plastic cups, large enough to fit over your ear
- Paperclips
- Two small washers
- String or fishing line, up to 30 feet long
- A friend to help!



HOW TO DO IT:

1. Carefully punch a hole in the bottom of each of the cups. You can do this by straightening out a paper clip and using it to puncture the cup. If you are using a plastic cup you may want to use a nail (along with the help of an adult) to make the hole.
2. Now, thread the ends of the strings through each of the cups. The string should be threaded through the bottom of the cup. You can use the straightened paper clip to get the string through the hole if it starts to fray.
3. Once inserted into the cup, tie the ends of the strings to a washer. This will keep the string from being pulled out of the cups.
4. You're now ready to try out your phone! If you haven't already, grab a friend to see how it works.
5. Each person should take a cup and slowly move away from each other until the string is pulled tight.
6. Keeping the string tight, have one person put the cup to their ear and let the other talk. See what happens!
7. Switch with your friend and try again. You can keep experimenting by seeing what happens when the string isn't pulled tight or how different lengths and types of strings modify the sound.



Find more fun activities like this one for free at www.academy.animaljam.com

© 2016 WildWorks, Inc. All rights reserved.